

JAVA FOUNDATION CLASSES

FIVE DAYS

Prerequisites

This course is intended for those who possess a working knowledge of the Java programming language. This includes basic programming constructs as well as Java's implementation of the Object paradigm (class, inheritance, interfaces, etc.). The student should also be able to write complete GUI based programs utilizing the JDK 1.1 event model.

Who should Should Attend

The student interested in implementing sophisticated GUI applications utilizing the Java Foundation Classes (JFC). The swing set component of JFC provides for an improved collection of GUI components built upon the older Abstract Window Toolkit (AWT).

Course Description

The Java Foundation Classes (JFC) denotes a comprehensive set of features incorporated into the latest (1.2) release of Java. Prior, these features were available as various separate packages downloadable separately from the core JDK. The JFC consists of 4 major components: The Swing set API, Accessibility, 2D, and Drag and Drop. This course concentrates primarily on the Swing set API for writing sophisticated GUI applications. The other features of the JFC are, however, also covered in this course.

Course Topics

- Java Review
- The JDK Event Handler
- Overview of the JFC
- The Model-View-Controller (MVC) Architecture
- Class Capstone Exercise
- Building JFC Applications
- Menus and Toolbars
- Text and Documents
- Dialogs
- Pluggable Look and Feel
- Other Features of JFC